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L2: Entry 134 of 135

File: DWPI

Jun 14, 1990

DERWENT-ACC-NO: 1990-209605
DERWENT-WEEK: 199027
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TITLE: Retardation of collagen crosslinking in skin - by treating with compsn.
including anti-oxidase cpd., e.g. carnosine, anserine, 3-methyl -L-histidine, etc.

INVENTOR: GRIGG, G W; HANNAN, G N

PATENT-ASSIGNEE:

ASSIGNEE

COMMONWEALTH SCI & IND RES ORG
PEPTIDE TECHNOLOGY LTD RES ORG
PEPTIDE TECH LTDGY LTD RES ORG
PEPTIDE TECHN LTDY LTD RES ORG

CODE

CSIR
PEPTN
PEPTN
PEPTN

PRIORITY-DATA: 1988AU-0000675 (September 28, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9006102 A	June 14, 1990		000	
AU 638681 B	July 8, 1993		000	A61K007/40
AU 8943320 A	June 26, 1990		000	
EP 436611 A	July 17, 1991		000	
EP 436611 A4	March 11, 1992		000	
JP 04502611 W	May 14, 1992		011	A61K037/02

DESIGNATED-STATES: AU JP US AT BE CH DE FR GB IT LU NL SE DE FR GB IT

CITED-DOCUMENTS:DE 3424781; GB 2143732 ; FR 2609393

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
AU 638681B	September 28, 1989	1989AU-0043320	
AU 638681B		AU 8943320	
AU 638681B		WO 9006102	Based on
EP 436611A	September 28, 1989	1989EP-0910999	
EP 436611A4		1989EP-0910999	
JP04502611W	September 28, 1989	1989JP-0510274	
JP04502611W	September 28, 1989	1989WO-AU00422	
JP04502611W		WO 9006102	Based on

INT-CL (IPC): A61K 7/00; A61K 7/40; A61K 7/48; A61K 37/02

ABSTRACTED-PUB-NO: WO 9006102A

BASIC-ABSTRACT:

A method for reducing or preventing collagen crosslinking in skin and/or damage to skin cell DNA is claimed comprising treating the skin with a compsn. comprising an excipient and an active cpd. (I) selected from carnosine, homocarnosine, anserine, 3-methyl-L-histidine, L-alanyl-L-tyrosine, acyl homocarnosine, acetyl carnosine, iodo

carnosine, di-iodo carnosine, anserine nitrate, carbenoxylone carnosine and analogues. The compsn. may also contain a cpd. (II) selected from bilirubin, carotenoids, mannitol, reduced glc otathione, selenium, uric acid, vitamin A, vitamin B and vitamin C.

USE/ADVANTAGE - (I) are antioxidant dipeptides which can decrease or prevent collagen crosslinking either during ageing and/or following exposure to UV radiation or sunlight. The method can also prevent DNA damage as a result of UV radiation and can prevent skin cancer. (II) are non-peptide cpds. which can also inhibit or prevent crosslinking of collagen.

CHOSEN-DRAWING: Dwg.0/14

TITLE-TERMS: RETARD COLLAGEN CROSSLINK SKIN TREAT COMPOSITION ANTI OXIDASE COMPOUND
CARNOSINE ANSERINE METHYL HISTIDINE

DERWENT-CLASS: B05 D21 E19

CPI-CODES: B03-L; B04-A06; B05-B02C; B07-D02; B07-D09; B10-A07; B10-B02D; B10-B02E;
B10-E04C; B12-A07; B12-M06; D08-B09A; D09-E; E05-K; E06-A01; E10-A07;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

F013 F014 F521 H100 H181 H182 H201 J0 J012 J013
J1 J171 J271 J3 J371 M210 M211 M212 M213 M214
M215 M216 M220 M221 M222 M231 M232 M233 M262 M273
M280 M281 M312 M313 M321 M322 M332 M342 M343 M349
M371 M381 M391 M413 M431 M510 M521 M530 M540 M640
M782 M903 M904 P943 Q254 Q262

Specific Compounds

08807M 11742M 19176M

Markush Compounds

199027-35401-M

Registry Numbers

1327U 0502U

Chemical Indexing M2 *02*

Fragmentation Code

F013 F014 F521 G013 G100 H1 H100 H181 H182 H201
H401 H441 J0 J011 J012 J1 J171 J371 M210 M211
M273 M280 M281 M311 M312 M321 M331 M340 M342 M343
M349 M371 M381 M391 M413 M431 M510 M521 M530 M531
M540 M782 M903 M904 P943 Q254 Q262

Specific Compounds

11679M 19930M

Registry Numbers

1327U 0502U

Chemical Indexing M2 *03*

Fragmentation Code

F012 F013 F014 F015 F019 F421 F422 F499 H7 H715
H720 H723 J0 J012 J1 J172 J5 J522 L9 L941
L999 M1 M126 M129 M132 M139 M210 M211 M212 M240
M283 M311 M312 M322 M323 M332 M342 M343 M372 M392
M413 M431 M510 M523 M530 M540 M782 M903 M904 M910
P943 Q254

Specific Compounds

WEST**End of Result Set**

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L3: Entry 14 of 14

File: DWPI

Oct 2, 1991

DERWENT-ACC-NO: 1991-290177

DERWENT-WEEK: 199744

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TITLE: Compsn. contg. a di:peptide for dietetic pharmaceutical - is selected from carnosine, homo:carnosine, anserine, homoanserine and ophidine

Basic Abstract Text:

USE - Administration of the compsn. to humans or animals has beneficial effects, such as athletic performance improvement in persons subjected to prolonged physical efforts improvement of muscular functional capacity in elderly or weakened subjects and the like and improvement in horse performance in equestrian sports. The pref. dipeptide is carnosine. The compsn. may contain other active ingredients such as carnitine, creatine, amino acids, sugars, mineral salts and vitamins. A suitable dosage of carnosine is in the range 300 mg to 5 g a day. The compsn. suitably takes the form of a powder or granulate distributed in single dose sachets.

Equivalent Abstract Text:

The use of the dipeptides selected from the group of carnosine, homocarnosine, anserine, homoanserine, ophidine or physiologically equivalents thereof for the preparation of medicaments for treating muscular fatigue states and for improving athletic performances in persons subjected to prolonged physical efforts.

Basic Abstract Text (2):

USE - Administration of the compsn. to humans or animals has beneficial effects, such as athletic performance improvement in persons subjected to prolonged physical efforts improvement of muscular functional capacity in elderly or weakened subjects and the like and improvement in horse performance in equestrian sports. The pref. dipeptide is carnosine. The compsn. may contain other active ingredients such as carnitine, creatine, amino acids, sugars, mineral salts and vitamins. A suitable dosage of carnosine is in the range 300 mg to 5 g a day. The compsn. suitably takes the form of a powder or granulate distributed in single dose sachets.

Equivalent Abstract Text (1):

The use of the dipeptides selected from the group of carnosine, homocarnosine, anserine, homoanserine, ophidine or physiologically equivalents thereof for the preparation of medicaments for treating muscular fatigue states and for improving athletic performances in persons subjected to prolonged physical efforts.

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L3: Entry 13 of 14

File: DWPI

Feb 20, 2001

DERWENT-ACC-NO: 2001-260876
DERWENT-WEEK: 200127
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TITLE: Foodstuff for fatigue recovery, comprises nutrient comprising peptide, and processed component obtained by electrolyzing meat-processing waste liquid and livestock meat extract, under preset pH

PATENT-ASSIGNEE:

ASSIGNEE

ITO HAM KK

CODE

ITOHN

PRIORITY-DATA: 1999JP-0226008 (August 10, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2001046021 A	February 20, 2001		006	A23L001/305

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2001046021A	August 10, 1999	1999JP-0226008	

INT-CL (IPC): A23 J 1/02; A23 L 1/30; A23 L 1/305; A61 K 31/197; A61 K 31/205; A61 K 35/34; A61 K 38/00; A61 P 1/14

ABSTRACTED-PUB-NO: JP2001046021A

BASIC-ABSTRACT:

NOVELTY - Foodstuff comprises a material/nutrient comprising a water-soluble peptide and a water-soluble component obtained by electrolyzing and concentrating livestock meat-processing waste liquid and livestock meat extract, under acidic or neutral conditions.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a nutrient for fatigue recovery and for reinforcing physical strength. The nutrient contains L-carnitine contained in livestock meat extract, histidine related dipeptide such as carnosine, anserine or balenine, and taurine.

USE - For use as tablet, powder, granule, dispersion or drink, for fatigue recovery and for reinforcing physical strength (claimed).

ADVANTAGE - The foodstuff has high calorie and comprises high energy nutrients and is used as a source of energy. L-carnitine raises blood concentration and accelerates conversion of energy from fats. The concentration of electrolyzed product in acidic or neutral conditions effectively prevents the decomposition of carnitine, histidine-related dipeptide and taurine.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: FOOD FATIGUE RECOVER COMPRISE NUTRIENT COMPRISE PEPTIDE PROCESS COMPONENT OBTAIN MEAT PROCESS WASTE LIQUID LIVESTOCK MEAT EXTRACT PRESET PH

DERWENT-CLASS: D12 D13

CPI-CODES: D02-A01; D03-F04; D03-F06;